



Substitute for form 1449B/PTO				Complete If Known	
				Application Number	10/055,863
				Filing Date	January 22, 2002
				First Named Inventor	Engler, Heidrun
				Art Unit	1623
				Examiner Name	Elli Peselev
Sheet	1	of	4	Attorney Docket Number	016930-000816US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GJ	AA	2001/0006948 A1	07-05-2001	Engler et al.	
GJ	AB	2002/0111502 A1	08-15-2002	Engler et al	
GJ	AC	2005/0085427 A1	07-21-2005	Connor et al.	
GJ	AD	US-4,414,150	11-08-1983	Goeddel	
GJ	AE	US-4,456,748	06-26-1984	Goeddel	
GJ	AF	US-4,678,751	07-07-1987	Goeddel	
GJ	AG	US-4,695,823	09-22-1987	Stabinsky	
GJ	AH	US-4,897,471	01-30-1990	Stabinsky	
GJ	AI	US-5,118,512	09-30-1994	O'Leary et al.	
GJ	AJ	US-5,120,318	06-09-1992	Morales et al.	
GJ	AK	US-5,298,222	03-29-1994	O'Leary et al.	
GJ	AL	US-5,532,220	07-02-1996	Lee et al.	
GJ	AM	US-5,602,023	02-11-1997	Csatary, Laszlo K.	
GJ	AN	US-5,789,244	08-04-1998	Heidrun Engler et al.	
GJ	AO	US-5,831,062	11-03-1998	Taylor et al.	
GJ	AP	US-5,837,520	11-17-1998	Shabram et al.	
GJ	AQ	US-5,912,236 A	08-15-1999	Xu et al.	
GJ	AR	US-5,923,210	08-03-1999	Gregory et al.	
GJ	AS	US-6,030,856	02-29-2000	Boulikas	
GJ	AT	US-6,066,824	05-23-2000	Woo et al.	
GJ	AU	US-6,207,454	03-27-2001	Zsebo et al.	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)		
GJ	AV	WO	91/16927	A1	12-12-1991	Schering Corporation
GJ	AW	WO	93/00052	A1	01-07-1993	The Regents of the University of Michigan
GJ	AX	WO	04/108898	A2	12-16-2004	Canji Inc.

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				<i>Examiner Name</i>	Elli Peselev
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/E.P./	AY	ADDISON, C. et al., "Intratumoral injection of an adenovirus expressing interleukin 2 induces regression and immunity in a murine breast cancer model" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, pp. 8522-8526 (1995)			<input type="checkbox"/>
/E.P./	AZ	BENEDICT, W. et al., "Intravesical Ad-IFN α causes marked regression of human bladder cancer growing orthotopically in nude mice and overcome resistance to IFN- α protein" <i>Mol. Ther.</i> , Vol. 10(3): pp. 525-532 (2004)			<input type="checkbox"/>
/E.P./	BA	FULTS et al., "Sustained-release of urease from a poloxamer gel matrix" <i>J. Parenter. Sci. Technol.</i> 44(2):279-286			<input type="checkbox"/>
/E.P./	BB	HORTON, H. et al., "Antitumor effects of interferon- α : in vivo therapy of human tumor xenografts in nude mice" <i>Cancer Res.</i> , Vol. 59; pp. 4064-4068 (1999)			<input type="checkbox"/>
/E.P./	BC	IZAWA, J. et al., "Inhibition of tumorigenicity and metastasis of human bladder cancer growing in athymic mice by <i>interferon-β</i> gene therapy results partially from various antiangiogenic effects including endothelial cell apoptosis" <i>Clin. Cancer Res.</i> , Vol. 8(4): pp. 1258-1270 (2002)			<input type="checkbox"/>
/E.P./	BD	JOHNSTON et al., "Insulin disposition following intramuscular administration of an insulin/poloxamer gel matrix" <i>J. Parenteral Science and Technology</i> 43(6):279-286,			<input type="checkbox"/>
/E.P./	BE	JOHNSTON et al., "Sustained delivery of interleukin-2 from a poloxamer 407 gel matrix following intraperitoneal injection in mice" <i>Pharmaceutical Research</i> 9(3):425-434 (1992)			<input type="checkbox"/>
/E.P./	BF	KOSHIDA, K. et al., "Prospects for molecular research in urological oncology: bladder cancer" <i>Hinyokika Kiyo. Acta Urologica Japonica</i> , Vol. 47(1); pp. 815-818 (2001), abstract only			<input type="checkbox"/>
/E.P./	BG	KUBALL, J. et al., "Successful adenovirus-mediated wild-type p53 gene transfer in patients with bladder cancer by intravesical vector instillation" <i>J. Clin. Onc.</i> , Vol. 20(4): pp. 957-965 (2002)			<input type="checkbox"/>
/E.P./	BH	LIN, L.F. et al., "A system for the enhancement of adenovirus mediated gene transfer to uro-epithelium" <i>J. Urol.</i> , Vol. 168: pp. 813-818 (2002)			<input type="checkbox"/>
/E.P./	BI	LU, B. et al., "Topical application of viral vectors for epidermal gene transfer" <i>J. Invest. Dermatol.</i> , Vol. 108, No. 5; pp. 8903-808 (1997) (Abstract Only)			<input type="checkbox"/>
/E.P./	BJ	LUO, Y. et al., "Recombinant bacilli calmette-guérin (BCG) expressing human Interferon-alpha 2B demonstrates enhanced immunogenicity." <i>Clin. Exp. Immunol.</i> 2001, Vo. 123, pp. 264-270.			<input type="checkbox"/>

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/E.P./	BK	Material Safety Sheet, Pluronic F127 NF (Poloxamer NF), BASF Corporation Chemicals Division, Parsoppany, NJ			<input type="checkbox"/>
/E.P./	BL	MAZUR, B. and W. PACIORKIEWICZ, "Studies on the effect of some disinfectants on virus activity" <u>Med. Dosw. Mikrobiol.</u> ; Vol. 26, No. 4; pp. 331-337 (1974)			<input type="checkbox"/>
/E.P./	BM	OSIFCHIN et al., "Identification of a p53 binding site in the human retinoblastoma susceptibility gene promoter" <u>J. Biol. Chem.</u> 269(9):6383-6389 (1994)			<input type="checkbox"/>
/E.P./	BN	PEC et al., "Biological activity of urease formulated in poloxamer 407 after intraperitoneal injection in the rat" <u>J. Pharmacological Sciences</u> 81(7):626-630 (1992)			<input type="checkbox"/>
/E.P./	BO	SHIAU, A.L. et al., "Postoperative immuno-gene therapy of murine bladder tumor by <i>in vivo</i> administration of retroviruses expressing mouse interferon- γ " <u>Cancer Gene Therapy</u> , Vol. 8(1): pp. 73-81 (2001)			<input type="checkbox"/>
/E.P./	BP	SIMONS et al., "Antisensec-myb oligonucleotides inhibit intimal arterial smooth muscle cell accumulation <i>in vivo</i> " <u>Nature</u> 359:67-69 (1992)			<input type="checkbox"/>
/E.P./	BQ	SMITH et al., "Adenovirus mediated expression of therapeutic plasma levels of human factor IX in mice" <u>Nature Genetics</u> 5:397-402 (1993)			<input type="checkbox"/>
/E.P./	BR	STREULI, M. et al., "At least three human type α interferons: Structure of α 2" <u>Science</u> , Vol. 209, pp. 1343-1347 (1980)			<input type="checkbox"/>
/E.P./	BS	SUTTON, M. et al., " <i>In vivo</i> adenovirus-mediated suicide gene therapy of orthotopic bladder cancer" <u>Mol. Ther.</u> , Vol. 2(3): pp. 211-217 (2000)			<input type="checkbox"/>
/E.P./	BT	TOLOZA, E.M. et al., " <i>In vivo</i> cancer gene therapy with a recombinant interleukin-2 adenovirus vector" <u>Cancer Gene Therapy</u> , Vol. 3, No. 1, pp. 11-17 (1996)			<input type="checkbox"/>
/E.P./	BU	TRAPNELL, Adv. Drug Del. Rev. 12:185-199 (1993)			<input type="checkbox"/>
/E.P./	BV	TYLER, R and G.A.J. AYLIFFE, "A surface test for virucidal activity of disinfectants: preliminary study with herpes virus" <u>J. Hosp. Infect.</u> ; Vol.9, No. 1; pp. 22-29 (1987)			<input type="checkbox"/>

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/E.P./	BW	XU, X. et al., "Adenovirus-mediated interferon- γ transfer inhibits growth of transplanted HTLV-1 tax tumors in mice" <u>Human Gene Therapy</u> , Vol. 7, pp. 471-477 (1996)		<input type="checkbox"/>
/E.P./	BX	YEI et al., "In vivo evaluation of the safety of adenovirus-mediated transfer of the human cystic fibrosis transmembrane conductance regulator cDNA to the lung" <u>Human Gene Therapy</u> 5:731-744 (1994)		<input type="checkbox"/>
/E.P./	BY	ZHANG, J-F. et al., "Treatment of a human breast cancer xenograft with an adenovirus vector containing an interferon gene results in rapid regression due to viral oncolysis and gene therapy" <u>Proc. Nat'l. Acad. Sci. USA</u> , Vol. 93, pp. 4513-4518 (1996)		<input type="checkbox"/>
/E.P./	BZ	ZHOU et al., "Visualizing superficial human bladder cancer cell growth in vivo by green fluorescent protein expression" <u>Cancer Gene Therapy</u> , Vol. 9; pp. 681-686 (2002)		<input type="checkbox"/>

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Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EP	AA	US-5,250,524	10-5-1993	Kramer et al.	
EP	AB	US-5,284,618	11-23-1993	Hwang-Felgner et al.	

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		Country Code ⁴	Number ⁴	Kind Code ⁵ (if known)				
EP	AC	WO	95/28188	A1	11-02-1995	Univ Princeton		<input type="checkbox"/>
EP	AD	WO	98/10038	A1	04-04-1998	Apollon, Inc.		<input type="checkbox"/>
EP	AE	WO	97/25072	A1	07-17-1997	Canji, Inc.		<input type="checkbox"/>

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
/E.P./	AF	WALKER, Suzanne et al., "Cationic facial amphiphiles: A promising class of transfection agents," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 93, pp. 1585-1590, February 1996				<input type="checkbox"/>
/E.P./	AG	KUKOWASKA-LATALLO, Jolanta et al., "Efficient transfer of genetic material into mammalian cells using Starburst polyamidoamine dendrimers," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 93, pp. 4897-4902, May 1996				<input type="checkbox"/>

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